



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

REDUCING THE COST OF FOOD DISTRIBUTION

THE ANNALS

VOLUME L

NOVEMBER, 1913

EDITOR: EMORY R. JOHNSON

ASSISTANT EDITOR: CLYDE L. KING

EDITOR BOOK DEPARTMENT: ROSWELL C. McCREA

ASSOCIATE EDITORS: JAMES C. BALLAGH, THOMAS CONWAY, Jr., G. G. HUEBNER,
S. S. HUEBNER, CARL KELSEY, J. P. LICHTENBERGER, L. S. ROWE



AMERICAN ACADEMY OF POLITICAL AND SOCIAL SCIENCE
36TH AND WOODLAND AVENUE
PHILADELPHIA
1913

KRAUS REPRINT CO.
Millwood, New York
1975

Copyright, 1913, by
AMERICAN ACADEMY OF POLITICAL AND SOCIAL SCIENCE
All rights reserved

*Reprinted with the permission of the
American Academy of Political and Social Science*
KRAUS REPRINT CO.
A U.S. Division of Kraus-Thomson Organization Limited

Printed in U.S.A.

CONTENTS

PART I—MORE EFFICIENT DISTRIBUTION AND CONSERVATION OF FOODSTUFFS

	Page
CAR-LOT MARKETS AND HOW THEY ARE SUPPLIED.....	1
Frank Andrews, United States Department of Agriculture	
THE PLACE OF THE INTERSTATE RAILROAD IN REDUCING FOOD DISTRIBUTION COSTS.....	10
Ivy L. Lee, Executive Assistant, Pennsylvania Railroad Company	
THE MOTOR TRUCK AS AN AGENCY IN DIRECT MARKETING.....	20
Stanley Albin Phillips, Technical Editor of <i>The Power Wagon</i> , Chi- cago	
IMPROVED PUBLIC HIGHWAYS.....	35
James M. Cox, Governor of Ohio	
WHAT FARMERS CAN DO TO FACILITATE THE TRANSPORTA- TION AND MARKETING OF PRODUCE.....	37
F. R. Stevens, Agriculturist, Lehigh Valley Railroad Company	
SOME ASPECTS OF FOOD CONSERVATION BY REFRIGERATION.....	44
Frank A. Horne, President of the Merchants Refrigerating Com- pany, New York, and Chairman of the Commission on Legislation of the American Association of Refrigeration	
PREVENTION OF WASTE AND SEASONAL PRICE FLUCTUA- TIONS THROUGH REFRIGERATION	48
George K. Holmes, United States Department of Agriculture	

PART II—LOWER COSTS THROUGH THE MIDDLEMEN AND RETAILING

RELATION OF JOBBERS AND COMMISSION MEN TO THE HANDLING OF PRODUCE.....	57
C. W. Thompson, Investigator, Rural Organization Service, United States Department of Agriculture	
WHOLESALE CITY DISTRIBUTION OF FARM PRODUCTS.....	69
Frank G. Urner, Editor, <i>New York Produce Review</i>	
THE COST OF DISTRIBUTING GROCERIES.....	74
E. M. Patterson, Ph.D., Wharton School of Finance and Commerce, University of Pennsylvania	

PUBLICITY AS A PREVENTIVE OF ABUSES BY THE RETAILER	83
Martha J. Fuller, Chairman, Committee on Advertising, <i>Housewives League Magazine</i> , New York	
EFFECT OF THE NEW JERSEY DEPARTMENT OF WEIGHTS AND MEASURES ON THE COST OF LIVING	86
William L. Waldron, Superintendent, Department of Weights and Measures, Trenton, N. J.	
SAVINGS THROUGH PROPER SUPERVISION OF WEIGHTS, MEASURES AND STANDARDS	94
Fritz Reichmann, Ph.D., Superintendent of Weights and Measures of the State of New York	
 <i>PART III—LOWER COSTS THROUGH MUNICIPAL MARKETS AND DIRECT MARKETING</i>	
MUNICIPAL MARKETS	102
Clyde Lyndon King, Ph.D., Wharton School of Finance and Commerce, University of Pennsylvania	
SOME TYPICAL AMERICAN MARKETS—A SYMPOSIUM	
I PURPOSE OF THE SYMPOSIUM	118
Clyde Lyndon King, Ph.D.	
II BALTIMORE'S MARKETS	119
James F. Thrift, Comptroller, and William T. Childs, Deputy Comptroller, Department of Finance, Baltimore, Md.	
III MUNICIPAL MARKETS IN CLEVELAND	128
Charles Kamp, Market Master, Cleveland, Ohio	
IV THE INDIANAPOLIS MARKET	131
Annis Burk, Secretary to the Mayor, Indianapolis, Ind.	
V THE MILWAUKEE MUNICIPAL MARKET	132
Leo Tiefenthaler, Municipal Reference Librarian, Milwaukee, Wis.	
VI MUNICIPAL MARKETS IN PHILADELPHIA	134
Achshah Lippincott, Clerk of the Markets, Philadelphia	
VII THE ROCHESTER PUBLIC MARKET	137
E. W. Merrill, Market Master, Rochester, N. Y.	
A QUESTIONNAIRE ON MARKETS	139
John W. Farley, Chairman of Committee on Investigation of Municipal Markets, Memphis, Tenn.	
WHOLESALE TERMINAL MARKETS IN GERMANY AND THEIR EFFECT ON FOOD COSTS AND CONSERVATION	153
Stadtrat D. Levin, Member of the Magistrate, Frankfurt, Germany	

THE LONG ISLAND HOME HAMPER.....	166
H. B. Fullerton, Director, Agricultural Development, Long Island Railroad Company, Medford, Long Island	
THE COMBINATION FAMILY BASKET.....	171
Harry Sprackland, Barrington, N. J.	

*PART IV.—LOWER COSTS THROUGH FARM CREDITS
AND ADVERTISING*

PROFITS THAT FARMERS RECEIVE.....	175
E. H. Thomson, Agriculturist, Bureau of Plant Industry, United States Department of Agriculture	
EFFECT OF FARM CREDITS ON INCREASING AGRICULTURAL PRODUCTION AND FARM EFFICIENCY.....	183
Homer C. Price, Dean, College of Agriculture, Ohio State Univer- sity, Columbus, Ohio	
FARM CREDITS THROUGH FARMERS' LOAN ASSOCIATIONS....	191
Isaac Roberts, Author of <i>Looking Forward</i> , Philadelphia	
ADVERTISING AS AN AID TO DIRECT SELLING.....	197
J. Clyde Marquis, Associate Editor, <i>The Country Gentleman</i> , Phila- delphia	

PART V—LOWER COSTS THROUGH COÖPERATION

GRAIN GROWERS REDUCE COST OF DISTRIBUTION.....	203
W. M. Stickney, of Lowell Hoit & Company, Members of Chicago Board of Trade	
THE MONMOUTH COUNTY FARMERS' EXCHANGE.....	211
Joseph H. Willits, Department of Industry, University of Penn- sylvania	
THE COÖPERATIVE LAMB CLUB AS AN AGENCY FOR LOWER MARKETING COSTS.....	216
D. H. Doane, Professor of Farm Management, University of Mis- souri, Columbia, Mo.	
THE CONSUMERS' COÖPERATIVE MOVEMENT IN CHICAGO....	223
W. M. Stickney, Chairman Local Board U. S. Coöperative Com- pany, Chicago	
WHAT COÖPERATIVE SOCIETIES MAY ACCOMPLISH IN LOW- ERING FOOD DISTRIBUTION COSTS.....	229
E. M. Tousley, Editor of <i>Coöperation</i> , and Secretary, Right Relation- ship League, Minneapolis, Minn.	

**PART VI—ELEMENTS IN A CONSTRUCTIVE PROGRAM FOR LOWER
DISTRIBUTION COSTS**

CITY PLANNING AND DISTRIBUTION COSTS.....	240
F. Van Z. Lane, Civil Engineer and Traffic Expert and John Nolen, Landscape Architect and City Planner	
CONSTRUCTIVE PROGRAM FOR REDUCTION OF COST OF FOOD DISTRIBUTION IN LARGE CITIES.....	247
Thomas J. Libbin, New York City	
THE OFFICE OF MARKETS OF THE UNITED STATES DEPART- MENT OF AGRICULTURE.....	252
Charles J. Brand, Chief	
BOOK DEPARTMENT.....	261
INDEX.....	295

BOOK DEPARTMENT

NOTES

AMERICAN SOCIOLOGICAL SOCIETY—*Papers and Proceedings of the Seventh Annual Meeting* (1912) (p. 261); D'ANETHAN—*Fourteen Years of Diplomatic Life in Japan* (p. 261); ASHLEY—*The Social Policy of Bismarck* (p. 261); ASHLEY—*Gold and Prices* (p. 262); BLAKESLEE—*Japan and Japanese-American Relations* (p. 262); BOSTWICK—*The Different West* (p. 262); BRYCE—*University and Historical Addresses* (p. 262); BUREAU OF MUNICIPAL RESEARCH—*Handbook of Municipal Accounting* (p. 263); COUDERT—*Certainty and Justice* (p. 263); FERRER—*The Origin and Ideal of the Modern School* (p. 264); GILL AND PINCHOT—*The Country Church* (p. 264); HASKIN—*The Immigrant: An Asset and a Liability* (p. 264); JAMES—*Principles of Prussian Administration* (p. 265); KLEIN—*Elements of Accounting* (p. 266); LEE—*Crowds* (p. 266); MACFARLANE—*Manufacturing in Philadelphia, 1683-1912* (p. 266); MARTIN—*The Unrest of Women* (p. 267); MYRICK—*Coöperative Finance* (p. 267); NYSTROM-HAMILTON—*Ellen Key, Her Life and Her Work* (p. 267); PATTISON—*Leading Figures in European History* (p. 267); RACINE—*Accounting Principles* (p. 268); ROBERTS—*Looking Forward* (p. 268); ROOT—*Experiments in Government and the Essentials of the Constitution* (p. 268); VAN ANTWERP—*The Stock Exchange from Within* (p. 268); VAN KLEECK—*Artificial Flower Makers* (p. 269); WINDER—*The Public Feeding of Elementary School Children* (p. 269).

REVIEWS

BLOUNT— <i>The American Occupation of the Philippines</i> (p. 269). E. W. Kemmerer <i>Catholic Encyclopedia</i> (vol. xv) (p. 271).....	A. C. Howland
COPELAND— <i>The Cotton Manufacturing Industry of the United States</i> (vol viii) (p. 272).....	A. G. White

FAIRCHILD— <i>Immigration</i> (p. 273).....	Kate H. Claghorn
FULLER— <i>The Empire of India</i> (p. 273).....	C. L. Jones
GIBBON— <i>Medical Benefit in Germany and Denmark</i> (p. 274).....	E. H. Lewinski-Corwin
HEISLER— <i>Federal Incorporation</i> (p. 275).....	J. T. Young
HIGGINS— <i>War and the Private Citizen</i> (p. 276).....	E. C. Stowell
HOBSON— <i>Gold, Prices and Wages</i> (p. 278).....	E. M. Patterson
HOWE— <i>European Cities at Work</i> (p. 279).....	C. L. King
KEITH— <i>Responsible Government in the Dominions</i> (3 vols.) (p. 280). C. G. Haines	
KOESTER— <i>The Price of Inefficiency</i> (p. 282).....	M. S. Howard
LE BON— <i>The Psychology of Revolution</i> (p. 282).....	J. P. Lichtenberger
MOORE— <i>The Supreme Court and Unconstitutional Legislation</i> (p. 283).....	C. H. Maxson
PARMELEE— <i>The Science of Human Behavior</i> (p. 285).....	J. P. Lichtenberger
POWELL— <i>Coöperation in Agriculture</i> (p. 286).....	A. P. Winston
SCOTT— <i>A Free Farmer in a Free State</i> (p. 287).....	A. P. Winston
SLATER— <i>The Making of Modern England</i> ; Hayes— <i>British Social Politics</i> (p. 287).....	A. Fleisher
SMITH— <i>Social Idealism and Changing Theology</i> ; MACFARLAND (Ed)— <i>Christian Unity at Work; and Report of Proceedings of the Sec- ond Quadrennial Council of the Federal Council of the Churches of Christ in America</i> (p. 288).....	G. S. White
TODD— <i>The Primitive Family as an Educational Agency</i> (p. 289).....	J. P. Lichtenberger
TRIDON— <i>The New Unionism</i> (p. 290).....	A. Fleisher
WARNE— <i>The Immigrant Invasion</i> ; HOURWICH— <i>Immi- gration and Labor</i> (p. 290).....	J. P. Lichtenberger
WITHERS— <i>Money Changing</i> (p. 292).....	E. M. Patterson
WOODS— <i>The Influence of Monarchs</i> (p. 293).....	S. Nearing

THE PAPERS IN THIS PUBLICATION WERE
COLLECTED AND EDITED BY
CLYDE LYNDON KING, PH.D.
ASSISTANT EDITOR